

FLAME RETARDANT RESIN COMPOSITION

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Applicant: GE PLASTICS JAPAN LTD
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- european:
Application number: JP19910072037 19910313
Priority number(s): JP19910072037 19910313

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Abstract of JP4285655

PURPOSE: To obtain a polycarbonate-based resin composition having remarkably improved flame retardancy even when molded into a thin form. **CONSTITUTION:** A flame retardant resin composition containing (A) 1-99 pts.wt. polycarbonate and/or copolyester carbonate having aliphatic segments, (B) 99-1 pts.wt. ABS-based resin and/or SAN resin and further (C) a phosphoric acid ester-based compound in an amount of 1-20 pts.wt. based on 100 pts.wt. total amount of the components (A) and (B), and (D) a polysiloxane-polycarbonate block copolymer in an amount of 0.1-20 pts.wt. based on 100 pts.wt. total amount of the components (A) and (B).

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XP-002361954

(C) WPI / DERWENT

AN - 1992-386531 [47]

A - [001] 014 02& 032 034 035 038 040 05- 055 062 072 074 080 143 144 151
155 157 158 161 162 220 222 228 229 27& 312 38- 539 546 55& 56& 575
59& 596

AP - JP19910072037 19910313

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DC - A23 A60 E11

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IC - C08K5/521 ; C08L25/12 ; C08L51/04 ; C08L51/06 ; C08L55/02 ; C08L67/00 ;
C08L69/00

KS - 0005 0009 0016 0029 0202 0203 0207 0218 0226 0299 0369 1291 1292 1306
1377 1452 1454 2222 2654 2679 3079 3081 3087

MC - A04-C01A A04-D03A A05-E06A A06-A00B A07-A04D A08-F03 E05-G09

M3 - [01] B115 B415 B701 B702 B712 B713 B720 B796 B798 B799 B815 B831 B832
B833 M280 M312 M313 M314 M315 M316 M320 M321 M331 M332 M333 M342 M383
M391 M411 M417 M510 M520 M530 M540 M781 M903 M904 Q110; 9247-D3401-U;
9240-7

PA - (GENE) NIPPON GE PLASTICS KK

PN - JP4285655 A 19921009 DW199247 C08L67/00 010pp

PR - JP19910072037 19910313

XA - C1992-171706

XIC - C08K-005/521 ; C08L-025/12 ; C08L-051/04 ; C08L-051/06 ; C08L-055/02 ;
C08L-067/00 ; C08L-069/00

AB - J04285655 Compsn. comprises (I) 100 pts.wt. of (A) and (B) where (A)
is 1-99 pts.wt. of polyester carbonate comprising (a) polycarbonate
and/or (b) carbonate of formula (I) and (c) copolyester carbonate of
formula (II), where R and R' are each halogen atom, monovalent
hydrocarbon, or hydrocarbonoxy, divalent hydrocarbon, -S-, -S-S-, -O-,
-SO-, -SO2- or -CO-, n and n' is 0-4, X 6-18C divalent aliphatic gp.
and b is 0 or 1, amt. of (II) per ((I)+(II)) being 2-30 mol.%. (B)
(b-1) is copolymer of (d) rubber like polymer, (e) aromatic vinyl
monomer, and (f) cyanovinyl monomer and/or (b-2) copolymer of 99-1
pts.wt. of (g) aromatic vinyl monomer and (h) cyanovinyl monomer. (II)
(C) 1-20 pts.wt. of phosphoric acid ester, and (D) 0.1-20 pts.wt. of
copolymer of a block derived from aromatic polycarbonate and a block
derived from diorganosiloxane.

- USE/ADVANTAGE - Flame retardant resin compsn. has good flame
retardancy even in a thin walled material.

- (Dwg.0/0)

AW - VINYL CYANO

AKW - VINYL CYANO

CN - 9247-D3401-U

DRL - 9240-7

IW - FLAME RETARD RESIN COMPOSITION COMPRISE POLYESTER CARBONATE
COPOLYMER

RUBBER POLYMER PHOSPHORIC ACID ESTER BLOCK COPOLYMER AROMATIC
CARBONATE DI ORGANO SILOXANE

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CARBONATE DI ORGANO SILOXANE

NC - 001

OPD - 1991-03-13

ORD - 1992-10-09

PAW - (GENE) NIPPON GE PLASTICS KK

TI - Flame retardant resin compsn. - comprises polyester:carbonate and
copolymer of e.g. rubber like polymer, phosphoric acid ester and block

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copolymer of aromatic carbonate] and di:organo:siloxane

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